

Product	Hazardous Ingredient	Possible Effects	Comments
<b>In the Garage</b>			
<b>Antifreeze</b>	Ethylene glycol	Poisonous if swallowed -- can cause severe damage to heart, kidneys, brain. Inhalation can cause dizziness.	Keep your pets away from spilled antifreeze. Its sweet smell is attractive to animals, but licking or drinking the fluid can kill your pet. Before purchasing antifreeze, look at the label for products containing propylene glycol. This is a much safer alternative.
<b>Motor oil</b>	Heavy metals	Can cause nerve and kidney damage; is thought to cause cancer.	
	Hydrocarbons	Some forms thought to cause cancer.	
<b>Batteries</b> (car, boat, tractor)	Sulfuric acid	Can cause severe skin burns, and blindness.	
	Lead	Can cause nerve and kidney damage; is thought to cause cancer	
<b>Windshield washer fluid</b>	Methanol	Can damage the nervous system, liver, kidneys; inhalation can lead to lung disease; ingestion can cause blindness.	
	Ethylene glycol	Poisonous if swallowed -- can cause severe damage to heart, kidneys, brain. Inhalation can cause dizziness.	
	Isopropanol	Can irritates mucous membranes; ingestion results in drowsiness, unconsciousness and death.	
<b>Paint</b>	Organic solvents	Can irritate eyes and skin; cause cracking of skin. Inhaling paint fumes can result in headaches, nausea, dizziness, and fatigue.	

Product	Hazardous Ingredient	Possible Effects	Comments
<b>In the Laundry Room / Utility Room</b>			
Laundry detergent	Cationic, anionic, or non- ionic solutions	If swallowed, cationic detergents can cause nausea, vomiting, shock, convulsions, and coma. Non-ionic detergents can irritate skin and eyes.	
All-purpose cleaners	Ammonia	Fumes can irritate eyes and lungs; can cause burns or rashes on skin; can produce deadly chloramine gas if mixed with chlorine containing products.	<b>NEVER</b> mix ammonia with chlorine (bleach). This mixture produces a gas that can cause serious breathing problems and be potentially fatal.
	Ethylene glycol monobutyl acetate	Poisonous if swallowed -- can cause severe damage to heart, kidneys, brain. Inhalation can cause dizziness.	
	Sodium hypochlorite	Corrosive to skin and lining of nose mouth and throat; fumes irritating to eyes and respiratory tract.	
Bleach	Sodium hypochlorite solution	Corrosive to skin and lining of nose mouth and throat; fumes irritating to eyes and respiratory tract	<b>NEVER</b> mix bleach with other cleaners - especially ammonia - and also toilet bowl cleaners and drain cleaners. A gas can be produced that can cause serious breathing problems and even death
Pet flea and tick treatments	Organophosphates and carbamates	Can cause headache, dizziness, twitching, nausea; shown to cause cancer in animals	
Insecticides	Organophosphates and carbamates	Can cause headache, dizziness, twitching, nausea; shown to cause cancer in animals.	

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<b>In the Kitchen</b>			
Dishwashing detergents	Cationic, anionic, or non- ionic solutions plus phosphates (automatic dishwasher detergents)	Automatic products can cause skin irritation or burns; hand dishwashing products are milder, though can cause irritation to mouth, throat, and GI tract.	
Oven cleaners	Lye (consisting of either sodium hydroxide or potassium hydroxide)	Extremely corrosive, burns skin and eyes; can be fatal if swallowed; aerosols disperse chemicals, increasing inhalation dangers.	Non-toxic oven cleaners without lye are available. Look at the label and select a product that does not contain lye.
Antibacterial cleaner	Ammonia	Fumes can irritate eyes and lungs; can cause burns or rashes on skin; can produce deadly chloramine gas if mixed with chlorine containing products	NEVER mix ammonia with chlorine (bleach). This mixture produces a gas that can cause serious breathing problems and be potentially fatal
	Detergents	If swallowed, cationic detergents can cause nausea, vomiting, shock, convulsions, and coma. Non-ionic detergents can irritate skin and eyes.	
	Lye	Extremely corrosive, burns skin and eyes; can be fatal if swallowed; aerosols disperse chemicals, increasing inhalation dangers.	
	Cresol	Can be corrosive to tissue; damages liver, kidneys, lungs, pancreas and spleen.	
	Phenol	Can cause central nervous system depression; severely affect circulatory system; corrosive to skin; suspected of causing cancer.	
	Pine oil	Can irritate eyes and lining of nose mouth and throat.	

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Window and glass cleaner	Ammonia	Fumes can irritate eyes and lungs; can cause burns or rashes on skin; can produce deadly chloramine gas if mixed with chlorine containing products	NEVER mix ammonia with chlorine (bleach). This mixture produces a gas that can cause serious breathing problems and be potentially fatal
	Isopropanol	Can irritates mucous membranes; ingestion results in drowsiness, unconsciousness and death.	
Insect bait traps	Organophosphates and carbamates	Can cause headache, dizziness, twitching, nausea; shown to cause cancer in animals.	

### In the Bathroom

Toilet bowl cleaners	Sodium bisulfate	Forms sulfuric acid, which is corrosive, burns skin.	
	Oxalic acid	Can damage kidney and liver; irritate eyes and respiratory tract; corrodes mouth and stomach.	
	5-dimethyldantoin	Forms hypochlorite in water, which is corrosive to skin and mucous membranes.	
	Hydrochloric acid	Fumes are extremely corrosive; burns skin.	
	Phenol	Can cause central nervous system depression; severely affect circulatory system; corrosive to skin; suspected of causing cancer.	
Mold and mildew removers	Chlorine and alkyl ammonium chlorides	Can cause breathing problems; if swallowed, can burn throat.	

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Pain relievers	Aspirin,	Reye syndrome	Children and teenagers should never take aspirin, or products containing aspirin or other salicylates, if they have chickenpox or flu symptoms or are recovering from these or other viral illnesses. Such aspirin use has been associated with Reye syndrome, a rare but serious condition that can cause death.
	Tylenol (Acetaminophen)	Acute liver failure	Acetaminophen is best known by the brand name Tylenol, but is found in more than 100 over-the-counter products, including cold and cough remedies such as Benadryl, Contac, Robitussin and Sinutab, and medications for menstrual cramp such as
Drain cleaners	Lye and sulfuric acid	Can cause burns to skin and in severe cases, blindness if splashed in eye	

### In the Living Room

Rug, carpet, upholstery cleaners	Perchloroethylene	Fumes cause dizziness, sleepiness, nausea, loss of appetite and disorientation; can cause cancer with long-term exposure.	
	Naphthalene	Can damage liver; prolonged vapor exposure has led to cataract formation.	

Product	Hazardous Ingredient	Possible Effects	Comments
Furniture polish	Ammonia, naphtha, nitrobenzene, petroleum distillates, and phenol	Can irritate your skin, eyes, throat, lungs and windpipe; if swallowed, furniture polish can cause nausea and vomiting.	
Air fresheners	Formaldehyde	A strong irritant to the eyes, throat, skin and lungs; thought to cause cancer.	
	Petroleum distillates	Can irritate skin, eyes, respiratory tract; may cause fatal pulmonary edema; flammable.	
	P-Dichlorobenzene	Fumes can be irritating to skin, eyes and throat.	
	Aerosol propellants	Fumes associated with brain damage or highly flammable.	
Household foggers	Pyrethrins	Can cause severe allergic dermatitis, systemic allergic reactions. Large amounts may cause nausea, vomiting, tinnitus, headache, & other CNS disturbances.	
	Permethrin	Can cause itching and burning of the skin and eyes; irritate the upper respiratory tract.	
	Methoprene	Can irritate the skin and eyes.	
Lamp Oil, Lighter Fluid	Petroleum hydrocarbons	Poisonous if swallowed or inhaled, can irritate sensitive skin.	

### In the Bedroom

Mothballs	Naphthalene, P-Dichlorobenzene	Can cause headaches, dizziness, and irritate the skin, eyes, and throat; cataract formation and liver damage can results from prolonged exposure.	
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### In the Backyard, Pool, and Garden Shed

Swimming pool chloride tablets	Sodium (or calcium) hypochlorite	Corrosive to skin and lining of nose mouth and throat; fumes irritating to eyes and respiratory tract.	
Insect repellents	Butopyronoxyl	Can cause mild necrosis in liver and kidney.	Do not use DEET on children under the age of 3.
	Cimethyl phthalate	Can cause central nervous system depression if swallowed.	
	Diethyltoluamide (DEET)	Can irritate sensitive skin and respiratory tract tissues as well as loss of coordination, anxiety, behavioral changes, and mental confusion.	
Gasoline, Kerosene	Petroleum hydrocarbons	Poisonous if swallowed or inhaled, can irritate sensitive skin.	
Pressure Treated Lumber	Chromated Copper Arsenate (CCA)	May cause cancer.	No longer allowed by EPA to be produced, but old supplies may still exist. You can make your existing picnic table, deck, or swing set safer by coating it with an oil-based penetrating stain every couple of
Weed killers	Diquat, 2,4-D, and glyphosate (a.k.a., Round-Up)	Can irritate the eyes and skin; can cause abdominal pain, nausea, vomiting, and diarrhea.	
Rodent control	Warfarin	Causes internal bleeding if ingested in large amounts.	